2020 6

:

:

:

:

:

:

:

:

1

1

1

/ 49.53km

/ 47.98km

4

1340.58 m^3 186.11 m^3

1091.13 m^3 8.7 m^3 258.16 m^3 243.60

m^3 14.56 m^3 133.87 m^3

2017 1 2019 6 24 2019

06

< >

“ ” “ ”

2018 11

2020 6

11

1

2

3

[2016]1092

4

[2016]100

5

[2018]13

6

[2016]1230

7

8

1

1.1

1.1.1

1

2

3

4

5

1.1.2

1

2

3

4

5

1.2

1.2.1

1 2015 1 1

2 2018 12 29

3 2018 10 26

4 2018 1 1

5 2016 11 7

6 2018 12 29

7 2012 7 1

8 2017 11 5

9 2011 3 1

10 682

2017 10 1

11 < >

[2017]4 2017 11 20

12 257 2011

1 8

13 2011 35

2011 10 17

14 2015 4

25

15 2013 37 2013 9 10

16 2015 17 2015 4 2

17 2015 56 2015 7

26

18 “ ” 2016 65 2016 11

24

19 2014 56

2014 11 12

20

2014 119 2014 12 29

21

2015 52 2015 6 4

22 < >

2015 163 2015 12 10

,PL[illegible]

26 < “ ” > 2016 151 2016 10 28

27 2019 1 1

28 2018 12 1

29 2018 1 23

30 2012 1 13

31 2016 11 1

32 < > 2018 1 23

33 < > 2018 1 23

34 248 2012 3 1

35 2015 4 1

36 “ ” 2017 10 2017 4 7

37 2009 80 2009 11 23

38 2013 3 2013 1 15

39 < > 2015 31 2015 12 31

40

2013 138 2013 3 27

41

2016 92 2016 8 1

42 2016

141 2016 9 30

43 2016-2020 2016 176

2016 9 28

44

1.2.2

1 HJ2.1-2016

2 HJ2.2-2018

3 HJ2.3-2018

4 HJ2.4-2009

5 HJ19-2011

6 HJ610-2016

7 HJ/T394-2007

1.2.3

1

2 2017 12

3

[2016]1092

4 2016

1230 2016 11 28

5

2010 3

6

2016 12

7

2016 100

8 2016

10

1.3

HJ/T394-2007

1

2

3

4

1.4

1.4.1

1.4-1

1			200m 500m
2			200m 500m
3			
4			200m
5			2km
6			300m 300m 300m 500m

1.4.2

1.4-2

1.4-2

		1

1.4.3

1.4-3

1.4-3

		GB3838-2002		
		GB/T14848-2017		III III
		GB3095-2012		
		GB15618-2018		
		GB3096-2008		4a 2

DB37/676-2018

1.5.1

		350m		
		100m		

1.6-2

		2014 7 2765.4	260m 40m	
		2015 1 2.7 2.3 288.5	490m 2720m	
		2011 12 6.07km 3.76km 945 644.47 68.20%	1480m	

1.6-3

1	SD-05-B4-04		2.1km 650m	

2	SD-05-B4-07		3.8km	
3	SD-05-B1-04		30m	
4	SD-05-B4-08		1 2.6km 0+000-2+600	
5	SD-07-B4-09		60m	

1.6-4

				m	/
			N	9	135/402
			S	55	194/595
			N	100	130/460
			N	190	155/502
			N	190	135/435
			N	40	/
			S	90	/
			S	26	/
			S	80	/
			S	56	740/2320
			N	60	594/1900
			S	95	336/1075

				m	/
			W	82	/
			W	200	/
			E	65	715/2024
			E	105	196/590
			E	190	67/235
			NE	100	968/2904
			W	95	625/2015

1-1

2

2.1

2016 10

12 29 2016

100 2017 1 2019 6

338913 404.851 0.119%

2-1

2-1

1	2015 11 5	
2	2016 5	
3	2016 10 31	2016 1092
4	2016 10	
5	2016 10	
6	2016 12	2016 100
7	2016 11 14	
8	2016 11 28	2016 1230 338913

9	2017 1	
10	2018 6	
11	2018 8	
12	2018 11	
13	2019 6	

2.2

2.2.1

338913 404.851

4.52 m^3 3.15 m^3 202 243

5

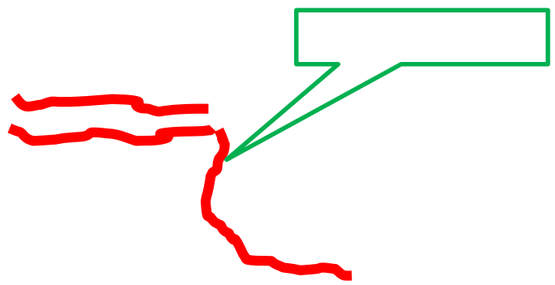
1

1

64.4km 8

5

2-1



2.2-1

2.2-2

2.2.2

1

/ 49.53km /

47.98km 35.27km

4

1

64.4km 8.7km 55.7km

2.2-1

2.2-1

			35m^3/s 3	
			49.53km 42.29km 56 12+640~21+050 22+670~49+525 35.27km 4.5m	
			47.98km 71	
			1 30m^3/s 1	
			20m^3 /s 1	

	1 1 12 5 7	

[2015]52 “ ”

2.2.2.1

35m^3/s

49.31km 88 47.71km

89

2.2.2.1.1

40m

3 5 1

2130kW

6.50m 83.50m 1:2.5

17.0m

0.6m 1:4.048

8.5m

8.5m 6.50m

M10 1:2.5

5.0m 0.6m 2.30m

12.0m

3 1600QZ-160 1

15.0m 26.10m

6.0m 5.0m 6.0m 16t

1 2.30m 4.40m

7.30m 9.20m 12.30m

5.0×3.5m

2×10t 6.0m 2

7.70m 15.00m

5.0m 6

7.70m 7.50m

7.70m M10

2017 2

2018 9 2.46hm^2

2.2-2

2.2-3

2.2.2.1.2

49.31km

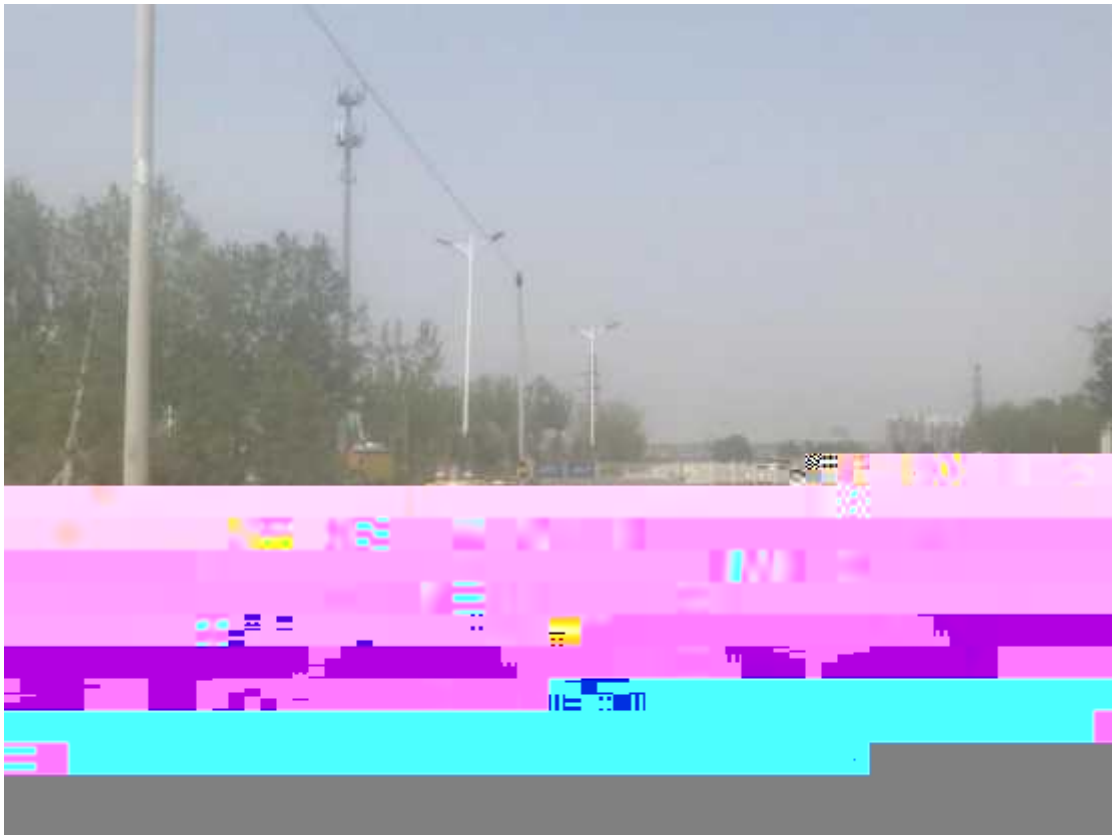
8+750 15+990 7.24km

42.07km

+

12 18 6

52



2.2-4

2.2.2.1.3

47.71km 1

14.17km

32.13km

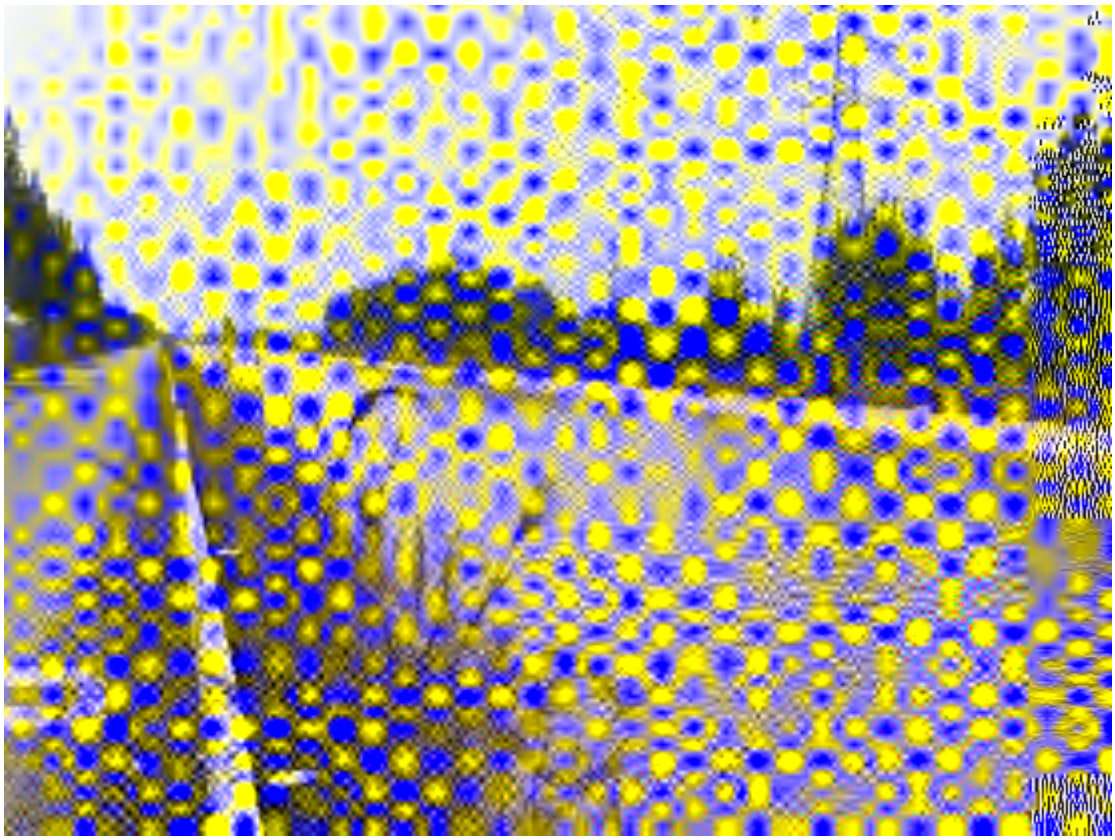
0.15km 1.26km

2006 2010-2011 10%

2.20m 3.0m 0.68m

2.68m 89 8

29 28 24



2.2-5

2.2.2.2

4

2.2.2.2.1

47+280 1

1

90°

1

6 5.50

14.50m

11.20m 41.10m

2017 3

2018 8 2.08hm^2

2.2-6

2.2.2.2.2

1

$20m^3/s$

14°

7.0m

6 5.50

14.50m

11.20m 41.10m

2017 10

2019 6 1.57hm^2

2.2-7

2.2.2.2.3

1

4+200

4

0.50m

1.00m 4 5.40m

17.00m 7.0m

5.30×3.0m

5.9m 1.20m

40.0m 4 10.00m

× 4.0m×3.0m

3 4.0m

12.00m 1.50m

5.0m 7.20m

6.20m 2.53hm^2

2017 3

2018 8 2.53hm^2


贾水东调工程
入库泵站

2.2-8

2.2.2.2.4

1

1

4.33hm^2 6.20m

1

1

1.5m 1.0m 50cmM10

6.0m 6 1 3 22.25m

1.2m 0.75m 1.0m 1.0m

1.0m 6.50m 6.7mm

60.0m 50.0m 10.0m

42.3m 70.9m 20m

1.0m -2.0m 10m -2.0m 1:10

-3.0m 2.0m 2.0m

6.70m 60cm 10.0m 8

7.7m 4 3

8 9.0m 84.80m

3 27.40m 30.00m

14.0m 20/5t 1

-2.00m 0.60m -

0.41m 1.40m 6.70m

6.70m 1.80m 1.20m C35

6+500

15m^3/s

100m 1.5m 1:2 30cmM10

10cm 15m

1.5m -1.5m 1:5 C35 U 2.0m~7.0m

2.4-9

2.2.2.2.5

				1600QZ-160
		m		
		m^3/s	50 80	
		kw		
			5 1	5 1
		kw	2130	2130
		m		2.8
		m^3/s	30	30
		kw		
			5 1	5 1
		kw	1990	
		m		

		m^3/s	20	20
		kw		
			5 1	5 1
		kw	1770	
				2050ZGB12-1.8
		m		1.8
		m^3/s	35	35
		kw		400
			2 1	3 1
		kw	2700	1600
		m	45.2~48.9	3.4
		m^3/s	15	15
		kw		
			6 2	6 2
		kw		

2.2.2.3

1

3

12.49km

2.2.2.3.1

1 11.99km

3.0km

3 4 3

300m

1 1.23km

2.40km

40m 300m 1

“W”

4.81km 300m 1:2.5 1.5m

20m 3

1 2 3 541m 539m 530m

6.0m 5.0m 5.0m

4m

1 580m 1

40m 200m

“L”

4.95km

200m 1:2.5 1.5m

20m 40m

1

6.0m 4.5km 1

4.67km

5.8m 6.1m

5.0m 7.0m

2.23km

360m 1:2.5 1.5m

20m

2.34km

1.32km

6.1m 6.0m

5.0m 7.0m

3 11.99km 6 16.46km

3 1.61km 489.93hm^2

2017 4 2018

8 489.93hm^2

2.4-10

2.2-11

2.2.2.3.2

1982 10 1986 3

2 5.0m 2.0m

5.0m 5.70m

0.98

6m 250mm

6.7m 7.5m

0.8m

3.0m 0.6m 20% 1:2.5

2.0m 5.0m

0.2m 5.0m 0.15m

0.15m 300g/m^2 0.1m

C35 F150

19+280 20+480

2.8 3.8m 10m

1.2km 1:6000

1.0m 1:2 1.2 1.0m

11

13

14

2017 4 2018 8

2.2-12

2.2.2.4

S320

S226 S226

S320

S224 S223

63.834km 8.103km 51.93km

3.41km

8 1

7

0+000~15+542

15+542~63+912.3

0+000~15+542 2 φ2644×22

15+542~63+912.3 2 DN2400

15+542~42+746.8 0.8Mpa SN10000 4m

42+746.8~63+63.834 0.6MPa SN10000

4m φ2444×22

2.2m 2.2m

2.2m

2.8m 2.0m 2.0m

2.0m 2.5m

1 2 1 0.75

200mm

200mm +200mm 500mm

300mm M10 C25

63.834km 15m^3/s

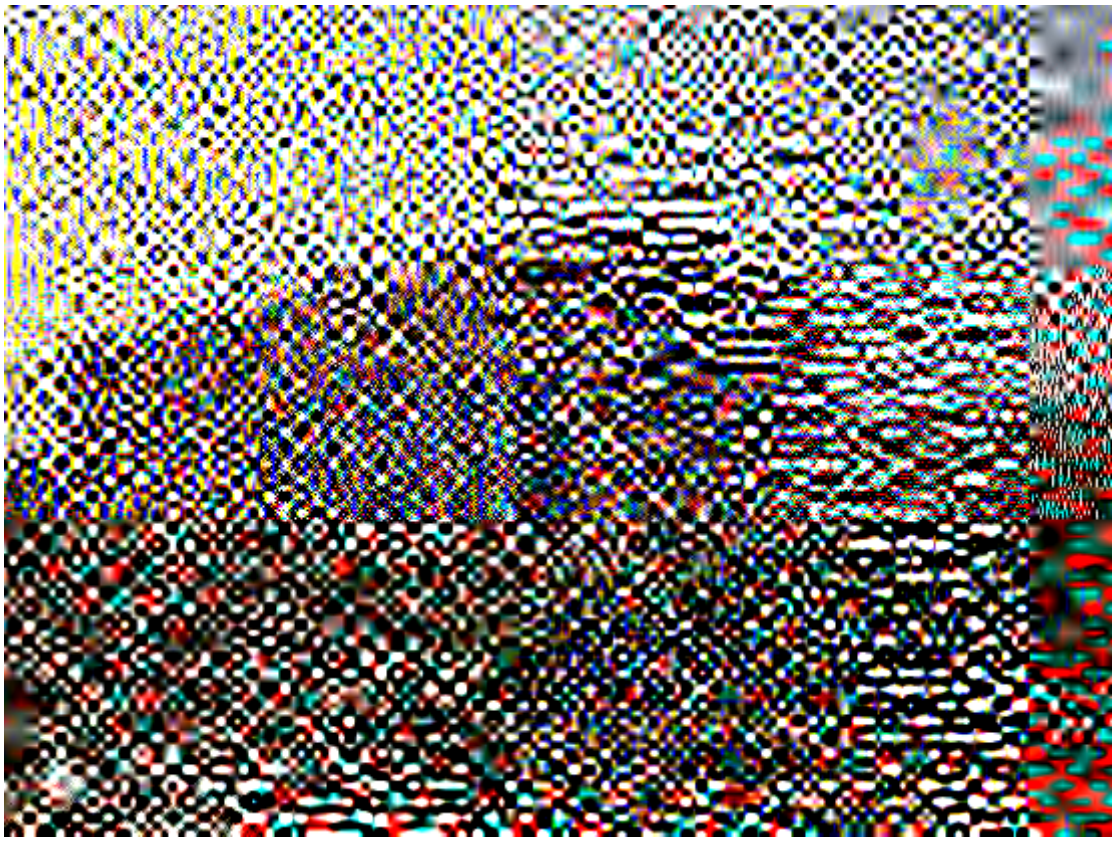
24 2 3 8

8 6 2

2017 1

2018 6 2.31hm^2

2.2-13



2.2-14

2.2-15

2.2.3

1

24 2017 1 2019 6

30 2017 2 2018 11

5 2017 5 2018 6

2017 3 2019 6 2017

4 2018 8 2017 1 2018 6

2.2-2

2.2-2

		2017.2	2018.9				
		2017.2	2018.11				
	0+000~15+990	2017.5	2018.6.21				
	15+990~32+410	2017.5	2018.6.22				
	32+240~49+300	2017.5	2018.6.23				
	0+000~14+170	2017.7	2018.6.23				
	14+170~46+299	2017.5	2018.6.23				
		2017.1	2019.6				
		2017.3	2018.8				
		2017.3	2018.8				
		2017.3	2018.8				
		2017.4	2018.8				
	19+000~~1+840	2017.4	2018.8				
	1+840~10+500	2017.4	2018.8				
	10+500~19+000	2017.4	2018.8				

	0+000~8+103.7	2017.2	2018.4				
	1 8+103.7~21+221	2017.1	2018.6				
	2 21+221~35+870	2017.1	2018.6				
	3 I 35+870~50+770	2017.1	2018.6				
	3 II 50+770~63+834.6	2017.1	2018.6				
		2017.3	2017.12	( )			
		2017.3	2017.1				
		2017.4	2017.5				
		2017.4	2017.5				
		2017.2	2018.9				
		2017.2	2018.11				
	0+000~15+990	2017.5.5	2018.5.20				
	15+990~32+410	2017.5.5	2018.4.9				

	32+410~49+300	2017.5.5	2018.5.31				
	0+000~14+170	2017.7	2018.6.23				
	14+170~46+299	2017.5.5	2018.9.7				
		2017.3	2019.6				
		2017.3.21	2018.7.30				
		2017.3.7	2018.7.30				
		2017.3.9	2018.6.8				
		2017.5.4	2018.7.10				
	0+000- 1+840 19+000-24+690	2017.5.8	2018.8.8				
	1+840~10+512.4	2017.5.4	2018.6.23				
	10+600~19+090	2017.5.10	2018.7.18				
	0+000~8+103.7	2017.2.28	2018.1.26				
	1 9+003.7~21+221	2017.1.15	2018.4.10				
	2 21+221~35+870	2017.1.15	2018.6.12	(			
	3 I 35+870~50+770	2017.1.15	2018.6.23	)			

	3 II 50+770~63+864.6	2017.1.17	2018.6.21				

3

2

2016 12 2017 1

2018 6 2018 6

2018 8 2018 6 2018

11 2019 6 30

2.2.4

2.2.4.1

9717.56 36.56

9681.91 6957.09

48.38 1114.19 236.69 ( ) 655.13

552.53 117.90

2.2.4.2

1530.96hm^2 507.36hm^2 1023.6hm^2

2.2-3

2.2-3 **hm^2**

			2.53		2.53						2.53		2.53
				0.21	0.21						0.21		0.21
				0.75	0.75						0.75		0.75
				2.15	2.15						2.15		2.15
			2.53	3.11	5.64	**0**	**0**	**0**	**0**	**0**	**5.64**	**0**	**5.64**
			6.48		6.48						6.48		6.48
				0.44	0.44						0.44		0.44
				0.51	0.51						0.51		0.51
				1.51	1.51						1.51		1.51
			6.48	2.46	8.94	**0**	**0**	**0**	**0**	**0**	**8.94**	**0**	**8.94**
			12.66	**8.43**	**21.09**	**0**	**0**	**0**	**0**	**0**	**19.53**	**1.56**	**21.09**
			489.93		489.93						489.93		489.93
				0.87	0.87						0.87		0.87
				0.65	0.65						0.65		0.65
			489.93	1.52	491.45	**0**	**0**	**0**	**0**	**0**	**491.45**	**0**	**491.45**
				33.37	33.37						33.37		33.37
				0.33	0.33						0.33		0.33
				2.37	2.37						2.37		2.37
			0	36.07	36.07	**0**	**0**	**0**	**0**	**0**	**36.07**	**0**	**36.07**
				18.1	18.1						18.1		18.1
			489.93	**55.69**	**545.62**	**0**	**0**	**0**	**0**	**0**	**545.62**	**0**	**545.62**
			2.31	574.3	576.61	396.96	80.3	3.5	37.71	5.97	35.08	17.09	576.61
				5.96	5.96	2.38					3.58		5.96
				6.80	6.80	2.72				4.08			6.8
				8.35	8.35	6.3			0.5	1.55			8.35
				4.80	4.80	3.84			0.96				4.8
			2.31	**600.21**	**602.52**	412.2	80.3	3.5	39.17	11.6	38.66	17.09	602.52
			507.36	**1023.6**	**1530.96**	**414.8**	**80.3**	**3.5**	**39.17**	**11.6**	**962.95**	**18.65**	**1530.96**

2.3

3.15 m^3

2.4

2.4.1

2.4.1.1

1

2

3

8.0m 4.3m M10

M10

4

5

6

7 6m 8m

2.4.1.2

3 28

4 13

40m 48m

14 °

11 16

2.4.1.3

1

512.12m 215.80m

212.74m 83.58m 0.93

4

1 2.5 C30 F150

0.6m ×0.5m 1.2 ×0.4 × C30 F150

100mm C30 100m

300g/m 100mm

2.4.1.4

FS21+600 FS24+188

5~32m 12m FS21+600

FS24+200 0~10m

5m

-1m~-2m 2.0m 5m

21+900 24+200

150mm 100mm 300g/m^2

150mm 80mm

5.7m 2.0m 11795 m^3

13595 m^3 34km^2 FS21+700~FS21+850

787m^3

19.3 m^3

2.2 m^3 17.18 m^3

0.15% 19.38 m^3 0.14% 6mm

2.4.1.5

2~4m

2.4.1.6

1

24+850

28+542.5 57+300

38+400 DN1400

2

38+514.4~39+964.5

186m 0.015m

3

16+799.6~16+929.6 130m

36+256.2~36+306.2 50m S226 21+341.5~21+413.5

72m S226 33+441.6~33+541.6 100m

S320 49+686.1~49+786.1 100m S224

50+770.4~50+870.4 100m S223 55+632~55+732 100m

60+180.6~60+394.8 254.2m 8 2×906.2

DN3000

φ2444×22

2+061.5~2+446.5 385m

8+103.7~9+003.7 900m 2×1285m

φ2644×22mm

4

3# 2+500.0 2+490.0 3+000 4+000

-4.80m

1# 3+900.0

4+550.0 1# 4+672.0

2.4.1.7

2018 5 31

2400m 2018 7

11+625 12+025 400m

41+300 42+300 2000m 2018

6

1000

5+700

47+300 41.60km

2.4.1.8

3+000 15m ³/s 1

1

46.00m 12.00m

1:12 34.00m 1.40m

U 11.60~6.60m 0.50m

20mm 651

SBS

3.0×3.0m

2

10.00m 9.10m

1.356m 8.706m 13.556m

3

3.0×2.5m × 0.002

1.40~1.356m 1.356~1.218m 0.80m

0.60m 11.00 15.00 20mm

280×10

651 SBS

2.4.2

1

2

40m

48m

3

4

5

6

7

8

2.4-1

	40m 48m 14 ° 11 16	40m 48m	
	1 512.12m 215.80m 212.74m 83.58m 0.93 4		

	FS21+600 FS24+188 5~32m 12m FS21+600 FS24+200 0~10m 5m -1m~-2m 2.0m 5m 21+900 24+200 150mm 100mm 300g/m^2		

24+850

	130m 50m S226 72m S226 100m S320 100m S224 100m S223 100m 254.2m 8 2 906.2 DN3000 385m 900m 2644 22mm 3# 2+500.0 2+490.0 3+000 4+000 -4.80m 1# 3+900.0 4+550.0 1# 4+672.0		
	2018 5 31 5+700 47+300 41.60km		
	3+000 15m /s 1		

3

3.1

3.1.1

1

/ 49.53km

/ 47.98km 35.27km

4 1

64.4km 8.7km

55.7km

1

1

8

3.15 m^3 297502 569.65

3.1.2

3.1.2.1

SO_2 NO_2 1 24

(GB3095-2012) TSP PM_{10} $PM_{2.5}$ 24

(GB3095-2012)

3.1.2.2

COD_{Cr} BOD_5 COD_{Cr}

0.5~1.3 BOD_5 0.7~1.8 1.2-1.4

GB3838-2002 III

COD_{Cr} BOD_5 1.8-2.0 2.0

2.04-2.20 0.305-0.35

GB3838-2002 III COD_{Cr} BOD_5

COD_{Cr} 0.4~1.3 BOD_5 0.2~1.0 1.3-2.3

1.15-1.17 GB3838-

2002

3.1.2.3

1# 5.1 1.833 1.1 0.667

2# 3.667 3#

41 87.2 0.85

18.92 23.12 2.967 47.3 4#

1.667 2.92 1.263 5.84 0.5 1# 2#

3# 4#

3.1.2.4

(GB3096-2008)

2

3.1.2.5

1 (GB15618-1995)

(GB15618-1995)

3.1.2.6

213135t

11.50t/hm^2

3.1.3

3.1.3.1

2

3.0m

3.1.3.2

DB37/676-2007

DB37/676-2007

GB5084-92

3.1.3.3

100m

60dB(A)

3.1.3.4

1 295.51 m^3

2 357.6t

3 2170t

3.1.3.5

9717.56 36.56

9681.91 6957.09

48.38 1114.19 236.69 655.13

552.53 117.90

12773t 5.99%

3.1.4

3.1.4.1

3.1.4.2

3.1.4.3

GB18599 2001

1 10^{-7}cm/s

3.1.4.4

75dB

A 200m

3.1.4.5

125 1kg/d

45.63t/a

3.1.4.6

35.65 46t

0.022%

3.1.5

15d

10^{-4}

3.1.6

3.1.7

3.1.8

(2011)

“ 2 ”

3.1.9

280 280

98.2% 1.8% “ ”

3.1.10

0.64 0.36

0.2 0.36

3.1.11

,

3.2

2016 100

1

1 /

4 1

64.4km

2016 1005

GB/T18920

2002

4

4.1

4.1-1

4.1-1

2h

200mg/L

	1 SD-05-B4-04 SD-05-B4-07 SD-05-B1-04 2 SD-05-B4-08 1 3 SD-07-B4-09 20+130-23+740 S226 S320 4 23+740-25+220 5 500	1 SD-05-B4-04 SD-05-B4-07 SD-05-B1-04 2 SD-05-B4-08 6.96km2 3 SD-05-B4-08 SD-07-B4-09	

	90 m^3 1	3.78 m^3 18.10hm^2	
	WSZ-AO 3 3 250m^3	WSZ-AO 3 3 250m^3	
	100m 50m		

	200m 100m 50m		

4.2

4.2-1

4.2-1

5

5.1

1

2

3

4

5

2.79%

5.2

5.2.1

5.2.1.1

5.2.1.2

5.2.1.3

9

5.2.2

SD-05-B4-04 SD-05-B4-07 SD-05-B4-08

SD-05-B1-04 SD-07-B4-09

5.2.2.1

3.62km

1.48km

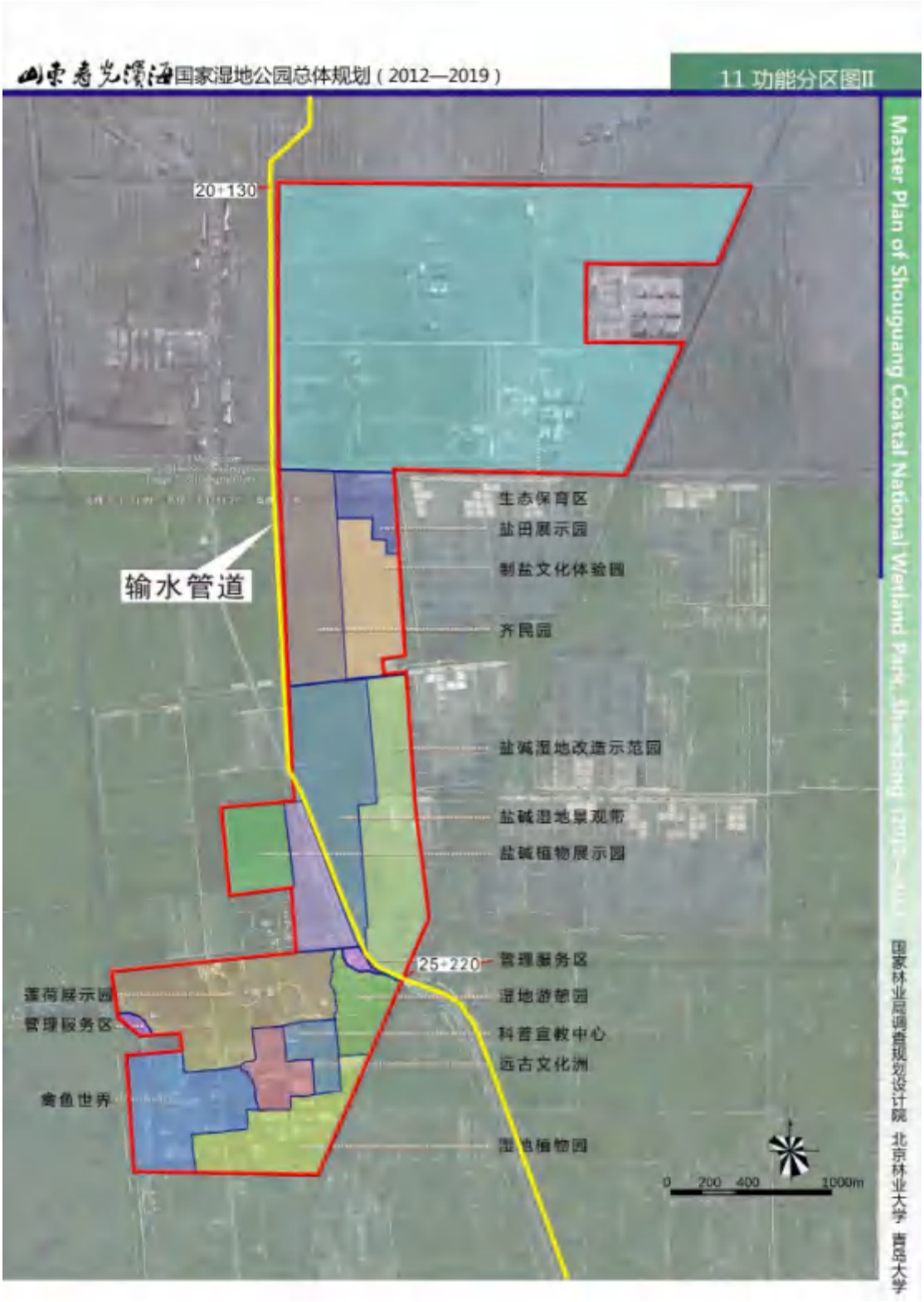
945 607 64.23%

-47

97 140 400 130

3

8


山东寿光滨海国家湿地公园总体规划（2012—2019）
11 功能分区图II
Master Plan of Shouguang Coastal National Wetland Park, Shandong (2012—2019)
20+130
输水管道
生态保育区
盐田展示园
制盐文化体验园
齐民园
盐碱湿地改造示范园
盐碱湿地景观带
盐碱植物展示园
25+220
管理服务区
湿地游憩园
科普宣教中心
远古文化洲
湿地植物园
蓄荷展示园
管理服务区
禽鱼世界
0 200 400 1000m
国家林业局调查规划设计院 北京林业大学 吉品大学

5.2-1

5.2.2.2

3

SD-05-B4-04 SD-

05-B4-07 SD-05-B4-08

2 SD-

05-B1-04 SD-07-B4-09

1 SD-05-B4-04

54.99km^2 12.56km^2

2.1km 650m

5.2-2

5.2-2

2 SD-05-B4-07

4 1 2

G18- 3 4

20.75km^2

SD-05-B4-07

2.6km 5.2-3

5.2-3

3 SD-05-B4-07

3 1

2

3 19.86km^2

15.08km^2

SD-05-B4-07 2.6km

6.96km^2

5.2-4

5.2-4

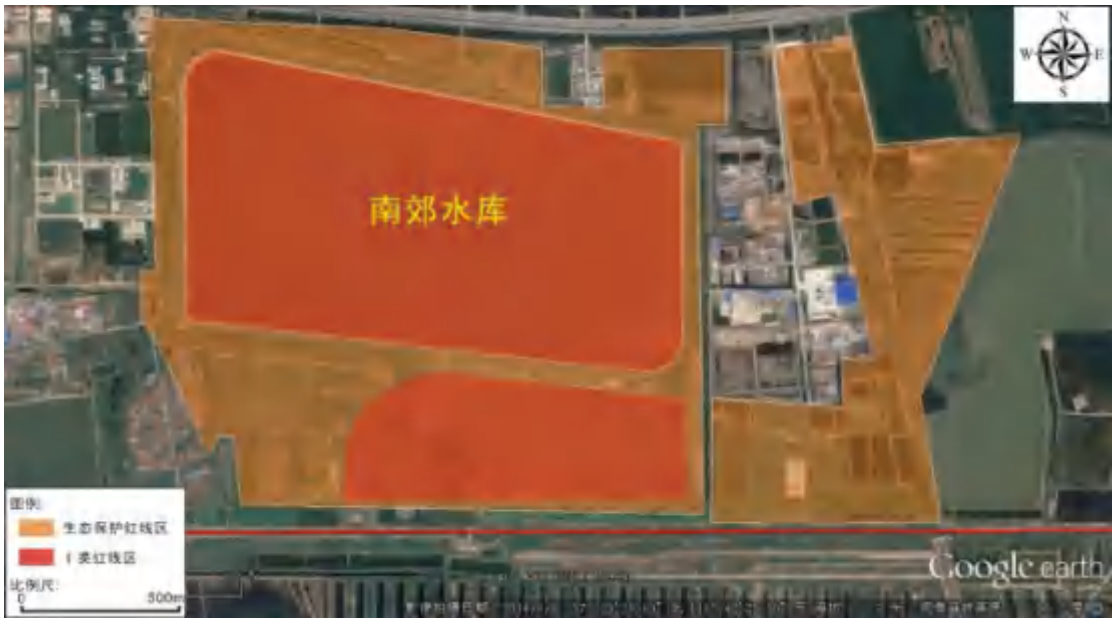
4 SD-05-B1-04

3.21km^2

1.65km^2

30m

5.2-5



5.2-5

5 SD-07-B4-09

226 10.67km2

5.2-6

5.2-6

5.2.3

5.2.3.1

1

2

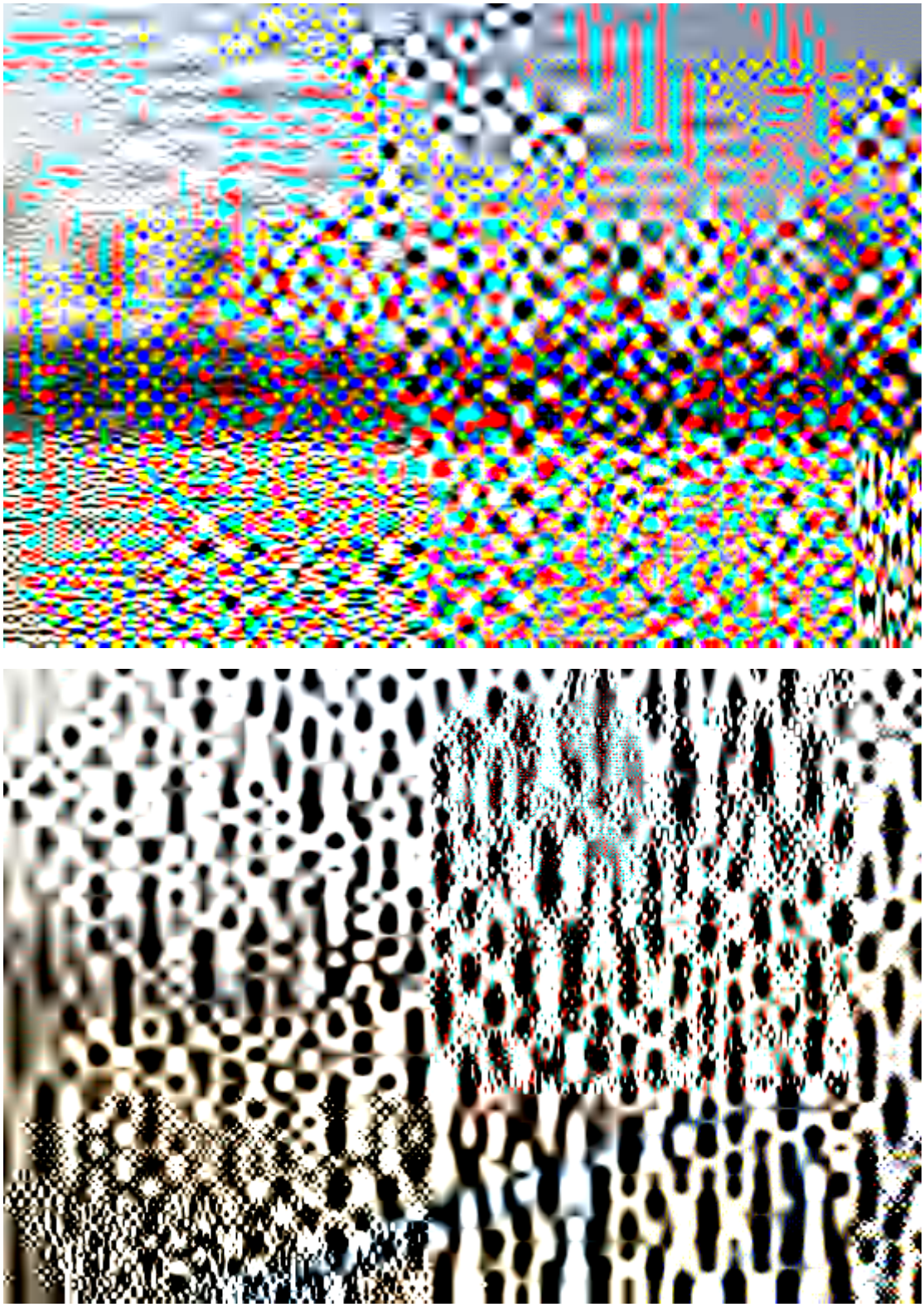
5.2-8

3

5.2-9

5.2.3.2

1



5.2-10

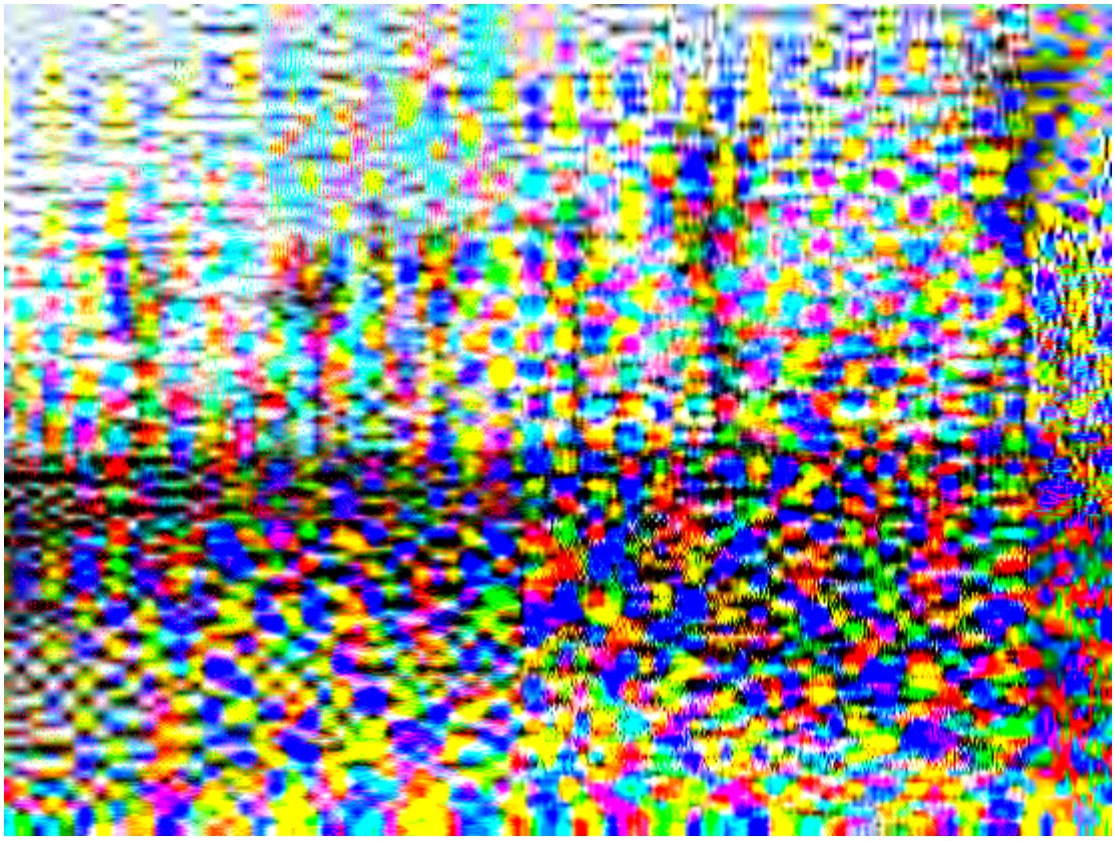
2

5.2-11

3

5.2-12

4



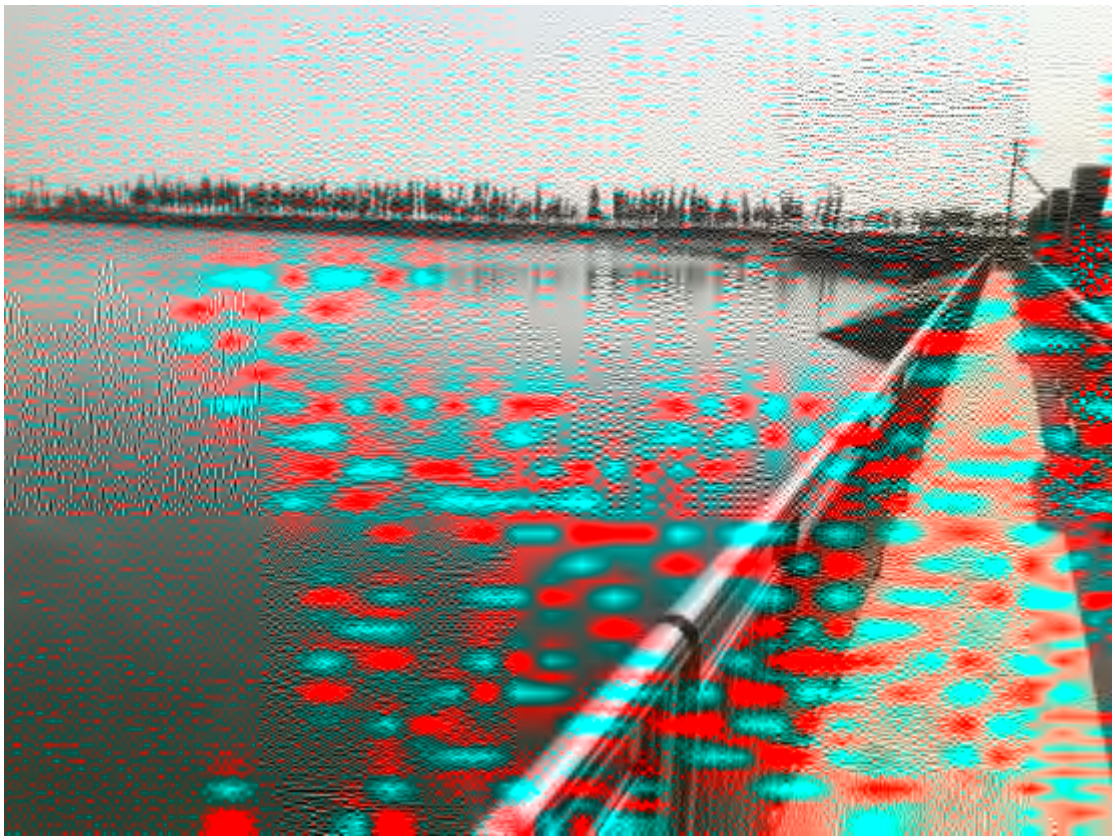
5.2-13

5.2.3.3

1

5.2-13

2



5.2-14

3

5.2-14

5.2.3.4

1

5.2-15

2

5.2-16

3

5.2-17

4

5.2-18

5.3

9717.56 36.56

9681.91 6957.09

48.38 1114.19 236.69

655.13 552.53 117.90

5.4

5.4-1

1		2+662		2+452-2+952 500m	
2		8+510		8+330-9+030 700m	
3		13+070		/	
4		17+364		17+300-17+700 400m	
5	S226	21+870		21+807-21+917 110m	
6		25+080		/	
7		36-765		36+723-36+923 200m	
8		39+211		/	
9		41+750		41+675-41+775 100m	
10		43+200		42+990-44+060 1070m	
11	S320	50+265		50+235-50+335 100m	
12	S224	51+302		50+159-50+359 200m	
13	S223	56+211		56+075-56+275 200m	
14		60+847		60+786-61+186 400m	
15		62+165		/	

6

6.1

6.1.1

2

6.1.2

6.1.3

[170426] [170427] [170536] [170538] [170534] [170537] [170535]

GB3095-2012 2

ZHBT2018-

0862 GB3095-2012 2

6.2

7

7.1

7.1.1

7.1.2

520 460

350

DB37/676-2007

GB5084-2005

7.1.3

SD-05-B4-04

SD-05-B4-07

SD-05-B1-04 SD-

05-B4-08 SD-07-B4-09

2

1 10 10

pH BOD_5 CODcr SS

GB5084-2005

GB5084-

2005

170421 170424 170532 170643

170646

5

7 pH BOD_5 CODcr

SS GB5084-2005

GB5084-2005

2

2017 2017 2018

ZHBT2017-4998 ZHBT2017-5013 ZHBT2018-0864

1 10 7

pH CODcr SS

DB37/676-2007

170420 170429 170423 170531

170649 170651 170642 170653 170645

170655

20#

pH SS

DB37/676-2007

3

2.27×10^{-3} 6.82×10^{-5}cm/s 1.55×10^{-4}cm/s

2.01m^3/d/m 490 m^3

0.6%

2

3m

0.30m

25.0m 1×10-6cm/s 50

7.4.2

125

90L 11.25t/d 80%

9t/d

WSZ-AO

3

GB/T18920-2002

3 250m³

SDKZ(2018) HJ0562 SDKZ1912129

SDKZ1912130 SDKZ1912131 SDKZ1912132 2018 9

2019 12 2 4

BOD_5 pH

GB/T25499-2010

8

8.1

8.1.1

1

2

3

4

5

8.1.2

2017

10

10

ZHBT2017-4824 1 8-1

8-1 GB12523-2011

8-1

	dB(A)			
1#	51.2	48.3	53.7	46.5
2#	53.5	47.1	54.0	47.1
3#	54.3	48.2	53.9	46.7
4#	53.2	46.5	54.1	45.9
5#	52.9	45.2	52.7	47.1
6#	56.6	46.4	53.6	48.1
7#	55.4	46.0	54.1	46.9
8#	55.0	47.6	54.0	46.5
9#	56.6	45.6	53.7	46.7
10#	54.5	46.7	53.6	46.9

GB12523-2011 70db 55db

2017 4 2017 5

2017 5

170426 170427 170536

170538 170534 170537 170535 1

8-2 8-2

GB12523-2011

8-2

		dB(A)							
4		64.4	52.6	63.3	51.6				
		65.5	52.6	64.9	51.9				
		65.0	52.7	66.1	51.2				
		63.4	52.4	65.4	52.2				
5				64.5	54.6	64.1	52.0		
				65.8	52.9	65.1	50.3		
				64.2	52.8	66.0	52.0		
				66.1	50.8	65.0	52.8		
				59.9	53.6	63.1	52.5		

5

A Leq A

2 1

GB12348-

2008

8-2

		Leq[dB A]	Leq[dB A]	Leq[dB A]	Leq[dB A]
		53.1	48.3	52.8	48.7
		55.6	48.7	55.3	48.9
		54.9	48.2	55.0	48.7
		55.9	49.6	56.2	49.4
		56.5	48.4	57.0	48.5

8.2.3

GB12348-2008 2

8.3

8.3.1

8.3.1.1

258.16

m^3 243.60 m^3 14.56 m^3

118°45'50" 37°22'36"

18.1hm^2 133.87 m^3 50.03 m^3

6.4 m^3 12.94

m^3 41.22 m^3

8.3.1.2

400 1.0kg

4728t

8.3-1

				t
		2017.2	2018.9	240
		2017.2	2018.11	264
	0+000~15+990	2017.5	2018.6.21	168
	15+990~32+410	2017.5	2018.6.22	168
	32+240~49+300	2017.5	2018.6.23	168
	0+000~14+170	2017.7	2018.6.23	144
	14+170~46+299	2017.5	2018.6.23	144
		2017.10	2019.6	108
		2017.3	2018.8	216
		2017.3	2018.8	216
		2017.3	2018.8	216
		2017.4	2018.8	204
	19+000~~1+840	2017.4	2018.8	204
	1+840~10+500	2017.4	2018.8	204
	10+500~19+000	2017.4	2018.8	204
	0+000~8+103.7	2017.2	2018.4	180
	1 8+103.7~21+221	2017.1	2018.6	216

	2 21+221~35+870	2017.1	2018.6	216
	3 I 35+870~50+770	2017.1	2018.6	216
	3 II 50+770~63+834.6	2017.1	2018.6	216
		2017.3	2017.12	264
		2017.3	2017.10	240

9

9.1

9.1.1

1

24m

5m

20m

2

8m 10m

3

9.1.2

9.1.3

9.1.3.1

“HSE”

9.1.3.2

1

2

9.1.3.3

9.1.3.4

9.1.4

9.2

10

10.1

10.2

10.2.1

1

2

10.2.2

1.

2.

1

2

3

4

( )

5

3.

1

2

3

4.

1

2

3

4

5

10.3

10.4

1

2

3

4

5

11

11.1

2016 12 29

[2016]100 2017 1

2017 12 2019 6 24 2019 06

“ ”

11.2

11.3

11.3.1

1

2

1

2

3

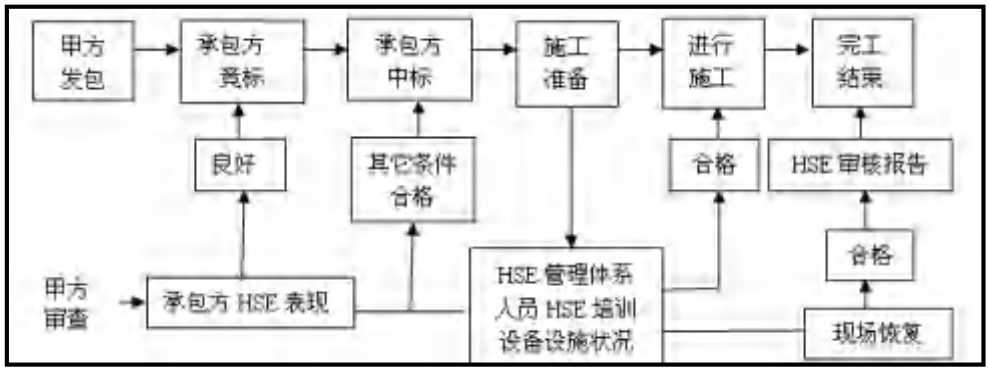
4

5

6

11.2-

1



11.3-1

3

4

5

1

2

3

4

5 8

(

)

11.3.2

11.3-1

11.3-1

1		1. COD 2. 1 3. 500m 1000m 1			
2		1. A 2. 2 3. 5 7			

3		1. 2. 2 3.			
4		1. 2. 1 3.			
5					
6		1. 2. 1 3.			

12

12.1

12.1.1

12.1.2

12.2

2019 12

290 279

96.2%

12.2.1

27 74

12.2-1 12.2-1

12.2-1

	/	
		17
		12
		5
		6
		17
		5
		11
		15
		4
		5
		5
		7
		17
		10
		9
		5
		12
		7
		10
		15
		10
		20
		10
		5
		5
		15
		20
		279

12.2.2

12.2-2

	1 1 / 4 1 64.4km 2016 12 [2016]100 2016 12 2018

	1 /								
	2 /								
	3								

	4 /		
	5		
	6		

“√

12.3

12.3-1

12.3-1

<table>
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<tr><td colspan="2">1 /</td><td colspan="5">0 276 3
0 275 4
0 273 6</td></tr>
<tr><td colspan="2" rowspan="5">2 /</td><td colspan="3" rowspan="2"></td><td colspan="3"></td></tr>
<tr><td></td><td></td></tr>
<tr><td colspan="3">40</td><td>72</td><td>64</td></tr>
<tr><td></td><td></td><td></td><td></td><td></td></tr>
<tr><td>32</td><td>5</td><td>26</td><td>18</td><td></td></tr>
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4
0 0</td></tr>
<tr><td colspan="2"></td><td colspan="5">275
4
0 0</td></tr>
<tr><td colspan="2"></td><td colspan="5">270 9
0 0</td></tr>
<tr><td colspan="2"></td><td colspan="5">273 6
0 0</td></tr>
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		278 1 0
		208 71 0 0
		276 3 0
4 /		274 5 0 0
5		276 25 23
6		274 5 0

1 /

2

92.11%

3

98.5%

1.5%

98.5%

1.5%

96.7%

3.3%

97.8%

2.2%

99.6%

0.4% 279 1

74.5%

25.5%

98.9% 1.1%

4 / 100%

/

5 98.9%

8.9%

7.9%

6 98.2% 16%

12.4

13

13.1

13.1.1

1

/ 49.53km

/ 47.98km

4

1

64.4km 8.7km 55.7km

297502

569.65 0.191%

2016 1230

338913 404.851

13.1.2

13.1.3

13.1.4

SD-05-B4-04

SD-05-B4-07

SD-05-B4-08

SD-05-B1-04

SD-07-B4-09

9717.56 36.56

9681.91 6957.09

48.38 1114.19 236.69

655.13 552.53 117.90

13.1.5

GB3095-2012 2

13.1.6

1

DB37/676-2007

2

WSZ-AO

3

GB/T18920-2002

3 250m ³

GB/T25499-

2010

13.1.7

1

GB12523-2011

2

GB12348-2008 2 60dB 50dB

13.1.8

258.16 m^3 243.60 m^3 14.56 m^3

13.1.9

2016 12 29

[2016]100

“ ”

13.1.10

13.2

13.3

1

2

3